



# Welcome to Droopnath Ramphul State College

**Live to Learn. Learn to Live**

**09 December 2024**



# The Rector

## Mrs. Sookharee



# DRSC STAFF 2024



# Laureates 2024



**APPADOO Duhita**      **PAYEN Vilashinee**  
Economics Side      Science Side



# Laureates 2024

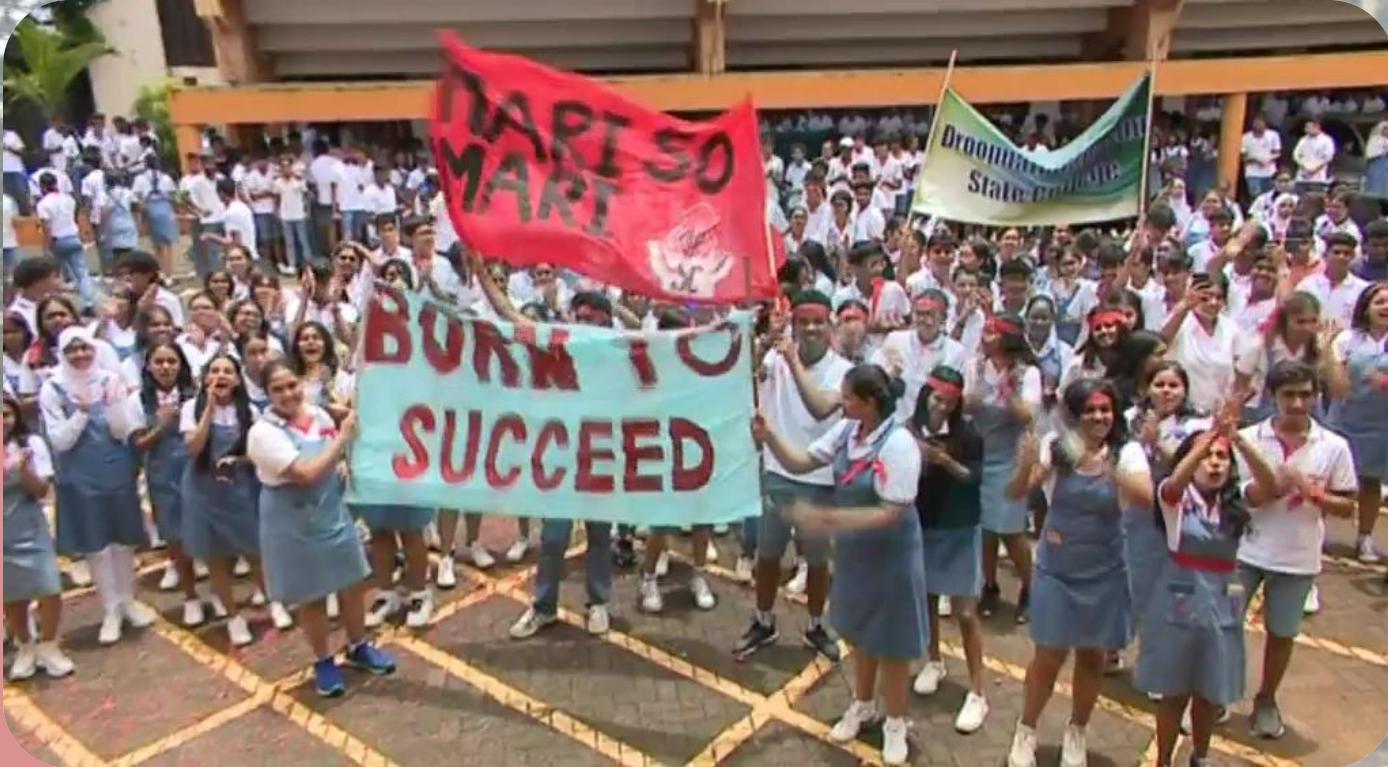


# Top in the World 2024

<b>KAULESARSINGH Udhav</b>	<b>Additional Mathematics SC</b>
<b>APPADOO Duhita</b>	<b>Business Studies (Sub) HSC</b>
<b>LAVICTOIRE Marie Chloe Annielle</b>	<b>Travel &amp; Tourism (Sub) HSC</b>



# Celebration of Laureates



# Celebration of Laureates



# Celebration of Laureates



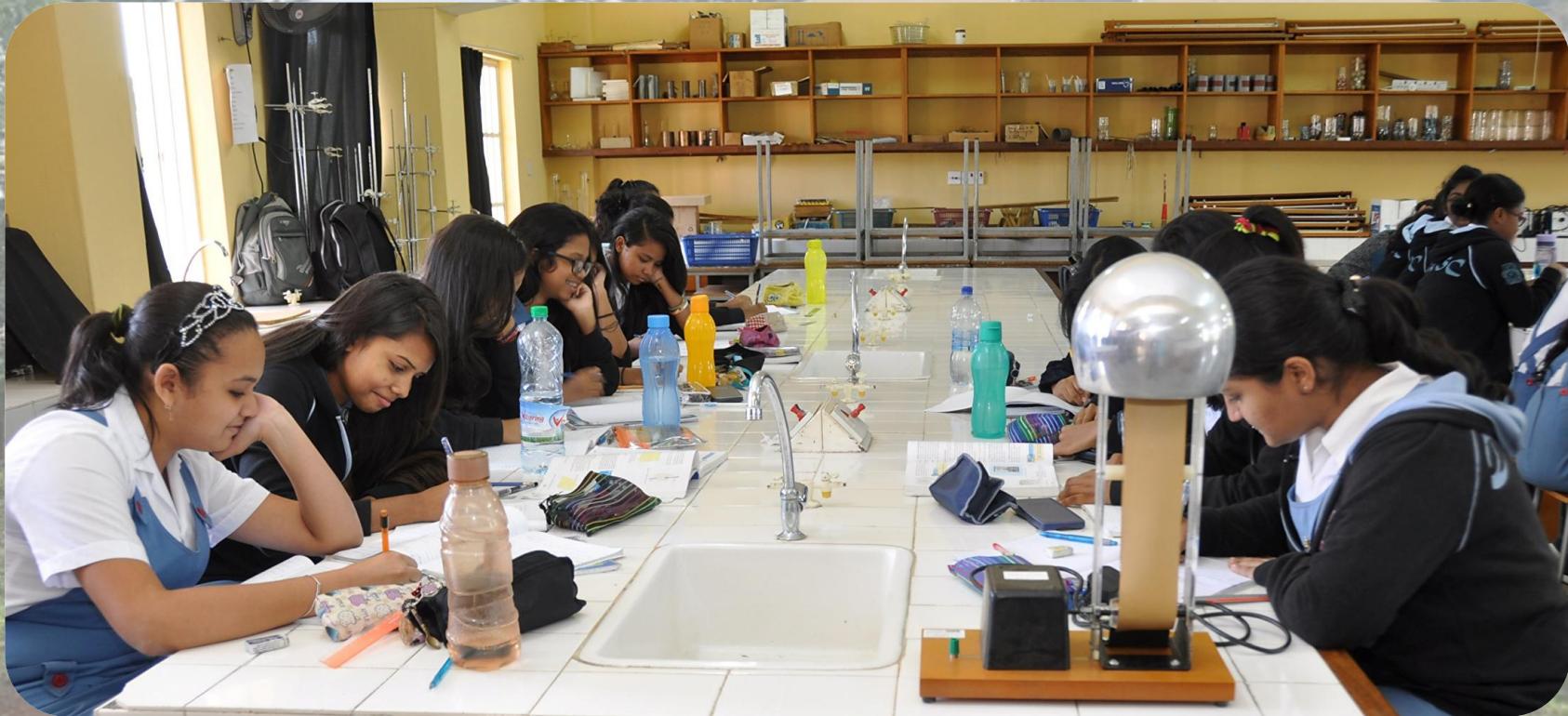
# Celebration of Laureates



# Chemistry Lab



# Physics Lab



# Biology Lab

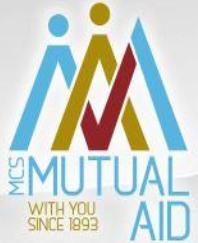


# Prize Giving



# Prize Giving





Health Club  
of

Droopnath Ramphul  
State College

INVITES YOU FOR ITS



**Blood Donation Drive**



# Blood Donation Team



# Blood Donation



# Blood Donation



# Blood Donation 2024



# Science Exhibition



# Science Exhibition



# Workshop on AI



# Workshop on AI



# Workshop on AI



# Art Club



# Art Club



# Art Club



# Upcycling Challenge



# Sports Day 2024



# Sports Day 2024



# Sports Day 2024



# Sports Day 2024



# Sports Day 2024



# National Ramayan Chanting Competition

## Secondary School Category I<sup>st</sup> Prize



# National Ramayan Chanting Competition

## Secondary School Category I<sup>st</sup> Prize



# National Ramayan Chanting Competition

## Secondary School Category | 1<sup>st</sup> Prize



# National Ramayan Chanting Competition

## Secondary School Category I<sup>st</sup> Prize



# National Ramayan Chanting Competition

## Secondary School Category I<sup>st</sup> Prize



# The Duke of Edinburgh's Award

## Rodrigues Island



# The Duke of Edinburgh's Award

## Rodrigues Island



# The Duke of Edinburgh's Award

## Rodrigues Island



# The Duke of Edinburgh's Award Residential Project



# The Duke of Edinburgh's Award Residential Project



# The Duke of Edinburgh's Award Residential Project



# Outdoor Activities



# Outdoor Activities



# TAFISA World Walking Day



# Model United Nations



# Model United Nations



# Model United Nations



# Model United Nations



# Young Makers Design for Impact Challenge

## Best Concept Video Award



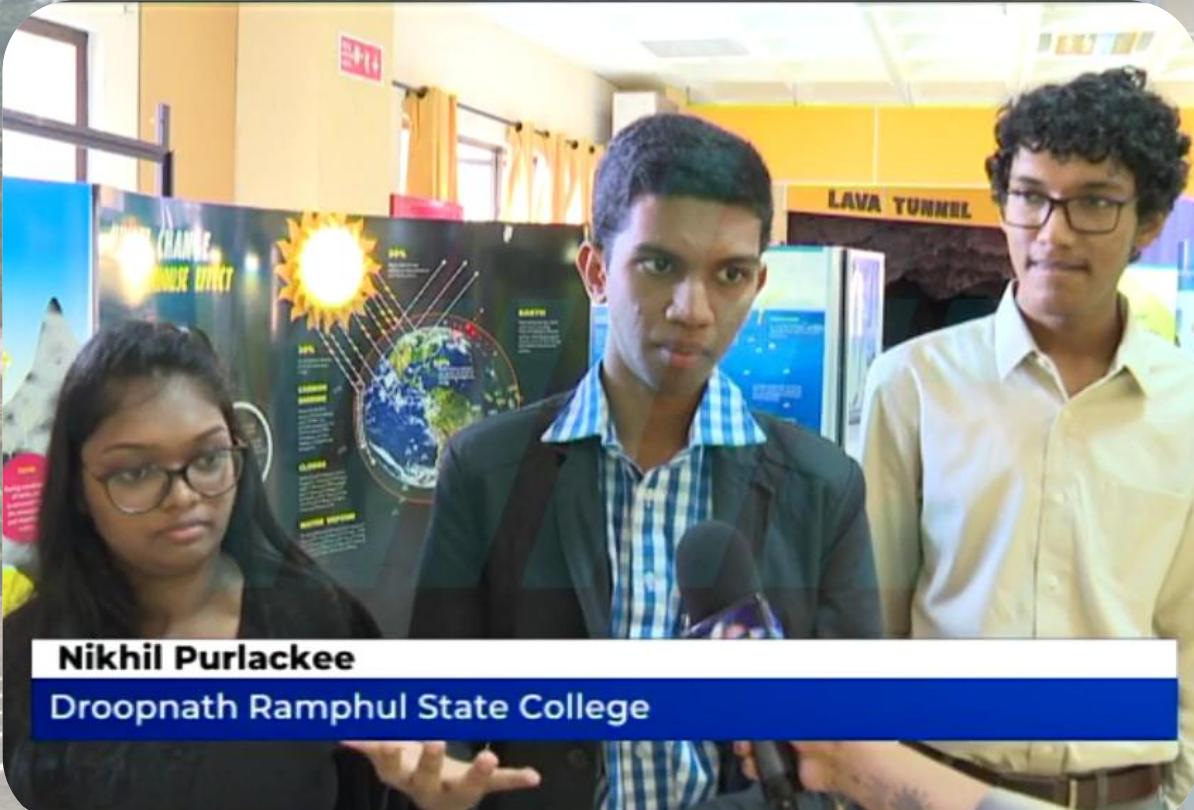
# Young Makers Design for Impact Challenge

## Best Concept Video Award



# Young Makers Design for Impact Challenge

## Best Concept Video Award



Nikhil Purlackee

Droopnath Ramphul State College



# Young Reporters Competition



# Benevolent Club



# Benevolent Club



# Benevolent Club



# Benevolent Club



# Benevolent Club



# International Day of Mathematics

## Poster Competition



# International Day of Mathematics

## Poster Competition

**How Maths Controls Traffic?**

Come unravel the mathematical marvels behind the rhythm of traffic!

**Modelling**  
Traffic Flow  
Maths is used in predicting traffic flow and modelling road networks using Differential Equations. Explain how cars change speed over time, aiding in predicting traffic.

**Graph Theory**  
Finds the best routes and design roads to ensure optimum traffic flow.

**Traffic Optimisation**  
Maths helps prevent jams by fine-tuning traffic signals and optimising road designs through Linear Programming. Plans traffic lights, signal timings and assignment of lanes.

**Convex Optimisation**  
Designs roads and traffic systems to reduce traffic jams and lessen delays.

**Traffic Simulation**  
Maths provides tools to simulate traffic and test different ideas to make traffic better with Predictive Analytics. Looks at past traffic to forecast future traffic conditions.

**Simulation Modeling**  
Creates computer models of real-world traffic to test solutions before implementing in real life.

Maths Moves Traffic: Safely, Efficiently, Sustainably

Thus, Mathematics helps in

- Enhancing safety by reducing road accidents, and safeguarding pedestrians, motorists, and site workers.
- Mitigating congestion by optimising vehicle flow via road closures and diversions, construction and event sites.
- Making traffic flow more efficient by managing lane usage and regulating vehicle speeds.
- Reducing costly fines as engaging traffic management ensures that laws are being abided.
- Contributing to better air quality by easing congestion and allowing for smoother vehicle flow, thereby decreasing emissions.

School Name: Droopnath Ramphul State College  
Teacher in charge: Mr. S.Nundall  
Participants: Hurdayal Sidhi, Purlackee Nikhil, Taukoordoss Divya

**MR SC**  
LEARN TO LEARN  
LIVE TO LEARN

# Chess Tournament



# Chess Tournament



# Christmas Party



# Christmas Party



# Christmas Party

